

Get More

Integrating *unitedstreaming* in the Classroom



Teacher Guide

www.unitedstreaming.com

Integrating *unitedstreaming* in the Classroom

Using editable segments in Windows Movie Maker® or Apple iMovie®, have students create their own audio track for a video to explain concepts in a different way to their classmates.

Director

1



Activate prior knowledge of a topic by showing a video segment to introduce a lesson. Have students brainstorm the topic and discuss what they already know about it, then use their comments as a jumping off point for the class discussion.

Brainstorm

2

My Info

Name:

Username:

Password:



unitedstreaming Teacher Guide

Table of Contents:

Search & Save	4-5
Viewing Videos	6-7
Teacher Center	8-9
Bloom's Taxonomy and <i>unitedstreaming</i>	10-11
<i>unitedstreaming</i> in Action	12-19
> Assignment Builder	
> Quiz Builder	
> Movie Maker	
> iMovie	
> Digital Storytelling	
> WebQuests	
Professional Development	20
Discovery Educator Network.....	21
Notes	22

This flagship school service is the only digital video-based learning resource scientifically proven to increase academic achievement.

Featuring more than 4,000 full-length videos and 40,000 content-specific video segments, *unitedstreaming* allows teachers to seamlessly integrate its content into their curriculum.

This guide will show you how to get the most out of *unitedstreaming* in your classroom. You will find short explanations of the product's most important features, ideas on how to successfully integrate *unitedstreaming* into your daily lesson planning, and the many ways that you can access all of *unitedstreaming*'s resources.

If you have any questions or concerns, please contact your librarian, technology coordinator, or media specialist, or your Discovery Education *unitedstreaming* Implementation Representative at **800.323.9084**.

Have students take notes as they watch a video, and then have small groups use Inspiration® to organize and map various concepts from their notes.

Concept-
Mapping

3



Search

Keyword Search

Conduct targeted searches for full videos, video segments, images, articles and clip art. Search results contain the keyword in the titles and in the resource descriptions.

The power of Boolean Query allows you to include and exclude words or phrases—for example: revolution **NOT** industrial.

Use **quotation marks** to search for phrases—for example, “black holes” returns 7 articles. If you do not use quotations, the search yields 70 articles containing either the word *black* or the word *hole*.

Advanced Search

The Advanced Search keyword option supports more powerful searching capabilities. You can search by **Publisher**, or **Include only** Editable, Closed Captioning, Spanish, or New Titles in your search. You can also choose to **Exclude all** Spanish or Classic titles from your search results. Click on **Explore All Titles** to browse the entire video collection and select subject areas that interest you.

Subject Search

Search for titles that **match your content areas**. Click on one of seven subject areas to view a complete listing of resources for that subject. Specify your results by choosing a more specific subject or grade range.

Grade Search

Select a **grade range** to view a complete listing of *unitedstreaming* content appropriate for your students. Specify your results by choosing a subject or sort by a media type such as video segments, images, articles, audio files, or quizzes.

Curriculum Standards

Videos in the *unitedstreaming* library have been cross-referenced to teaching standards for all states. Use this tool to quickly locate videos and images that match your curriculum standards. Choose your **state/province**, **subject**, and **grade level** to view materials that meet your standards.

The screenshot shows the search interface with three main sections:

- Advanced Search:** Includes a search bar, a 'WITHIN' dropdown set to 'All Content', and a 'GO' button.
- Subject/Grade Search:** Features a 'BY SUBJECT' list (Language Arts, Art and Music, Health, Math, Science, Social Studies, Other) and a 'BY GRADE' list (K-2, 3-5, 6-8, 9-12).
- Curriculum Standards Search:** Includes a 'STATE/PROVINCE' dropdown, a 'SUBJECT' dropdown, a 'GRADE' dropdown, and a 'GO' button.

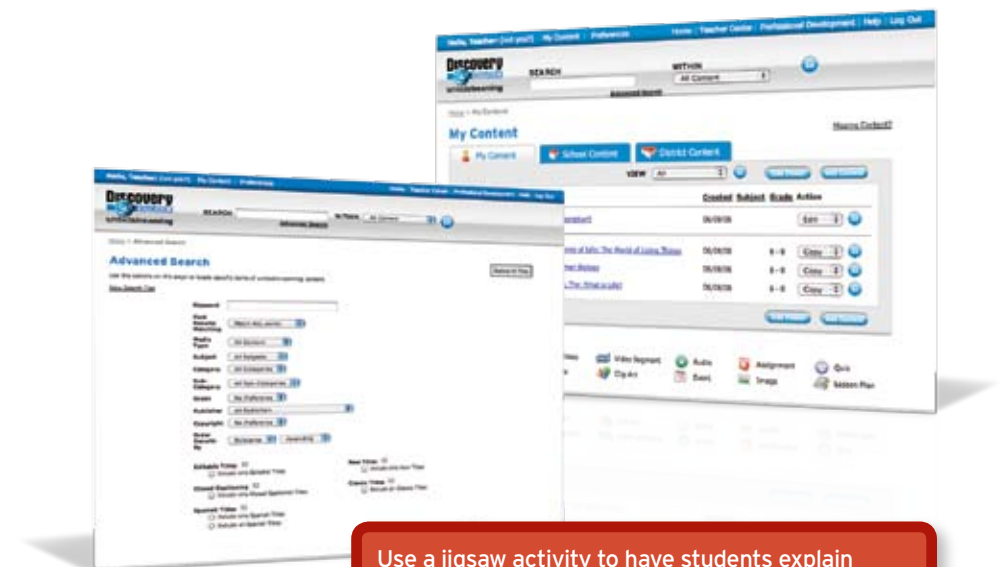
My Content

Save and organize *unitedstreaming* content in one convenient location. Add videos, video segments, images, articles, audio, quizzes, events, lesson plans, animations, and clip art to folders you create. Add sub-folders within main folders to create hierarchies within content, grade levels, or courses. You can also share folder contents with your school and with your district.

Are you a *unitedstreaming* user who created video playlists, multimedia assignments, or quizzes on an earlier version of *unitedstreaming*? All of the work you created can now be found in My Content. Click on the **My Content** link on the top navigation bar to locate your content.

Student Center and My Content

Your students will be able to access assignments, quizzes, and other media that you have assigned to them through the Student Center. Go to www.unitedstreaming.com/studentcenter for more details.



Use a jigsaw activity to have students explain the chronology of an event in history. Each group watches one part of a video, and then the groups will fill in the missing pieces for other classmates.

Jigsaw

4

Viewing Videos

unitedstreaming provides the resources you need to bring your lessons to life and engage students with dynamic and interactive content. Choose from over 40,000 standards-based video segments. Accessible through any Web browser, *unitedstreaming* is an anytime, anywhere resource tool.

Play

Play a video segment **live** or **stream it in realtime** by clicking on the **Play** button. The quality of the image that streams over the Internet will depend on the quality of your Internet connection and the number of people online at one time.

Choose your Media Settings

1. Select Media Type
 - Windows Media Player® for PC
 - QuickTime® for Mac
2. Make your Player Selection
 - Embedded in Web Browser (plays right on the page)
 - Stand-Alone Application (opens a new player window)
3. Enable Closed Captioning (if appropriate)



Download

When you download a video segment, you save a copy of the file on your computer or network for future access.

PC

1. Right click on the **Download** icon
2. Select **Save Target As** (Internet Explorer) or **Save Link As** (Netscape and Firefox)
3. Navigate to the desired location
4. Save the file

MAC

1. Ctrl + click on the **Download** icon
2. Select **Download Linked File** (Internet Explorer or Safari) or **Save Link As** (Netscape)
3. Navigate to the desired location
4. Save the file



Viewing Videos

Closed Captioning

When you use Windows Media Player and enable *unitedstreaming's* Closed Captioning, the video player will display the audio portion of the video as text right below the video image. With Closed Captioning, you can address the different learning needs of students and enhance comprehension as students read, listen, and view video content.*

Play a Closed Captioned Video Segment

1. For videos that display the Closed Captioning icon (CC) check the **Enable Closed Captioning** box, located in the Media Settings window.**
2. Click on the **Play** icon next to the segment you wish to view



- * Please note that Closed Captioning only works with Windows Media Player
- ** Look for the Closed Captioning icon next to *unitedstreaming* video segments



Classroom Tools

Assignment Builder

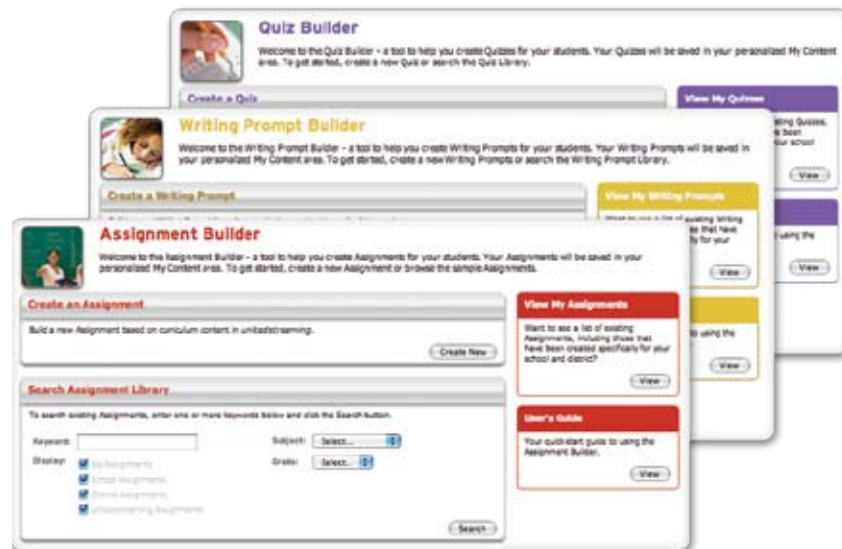
Use this tool to map *unitedstreaming* content and quizzes to student assignments. Add a variety of digital media including videos, images, calendar events, encyclopedia articles, and websites. Provide student access to assignments through *unitedstreaming*'s Student Center.

Quiz Builder

Assess student comprehension or survey prior knowledge with a *unitedstreaming* quiz. Search the Quiz Library, choose individual questions from the Quiz Builder databank, or write your own questions. Students can access quizzes through *unitedstreaming*'s Student Center.

Writing Prompt Builder

Stimulate the writing process in your classroom with images that are ready-made for persuasive, narrative, and expository writing exercises. Search the Writing Prompt Library for images accompanied by suggested text or create your own. Choose from thousands of compelling images and write your own prompt.



Curriculum Resources

Calendar

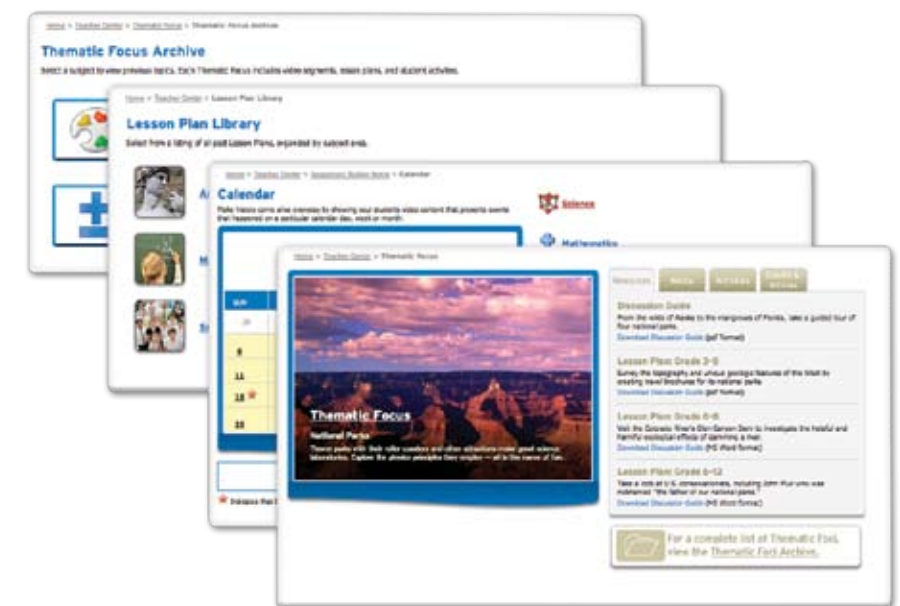
Show your students videos about historical events that occurred "Today in History." Video resources for historical events are available for every day of the year in Science, Mathematics, Social Studies, Arts & Humanities, Language Arts, Biographies, and Health & Guidance. Commemorative Events are also highlighted.

Lesson Plan Library

Browse lesson plans in Mathematics, Science, Language Arts, Social Studies, Health & Guidance, Arts & Humanities, and Biography that correlate to *unitedstreaming* videos. Downloadable files are available in both Microsoft Word and PDF formats.

Thematic Focus

Thematic Focus provides links to lessons and materials organized around a central theme or topic. Many themes focus on seasonal or timely events, world cultures, or topics of special interest. New themes are added weekly, so log in regularly to see what's new.



Bloom's Taxonomy

and *unitedstreaming*

This quick and easy reference guide will enable you to incorporate *unitedstreaming's* digital resources into your daily lesson planning. Whether you are a Math teacher explaining the Fibonacci sequence or a Social Studies teacher exploring the Egyptian pyramids, *unitedstreaming* gives you the tools to address the needs of today's learners. Use this valuable resource in your classroom as a reminder of how to use *unitedstreaming* with teaching resources such as Bloom's Taxonomy and make learning come alive for your students!



Math	Science
COMPREHENSION	KNOWLEDGE
Explain how curves are graphed. <i>Video:</i> <i>The Twisted World of Trigonometry, Program 4: Graphing Functions</i> Grades: 9-12	Name the non-metal elements in the Periodic Table of Elements. <i>Video:</i> <i>Physical Science Series: Atomic Structure and the Periodic Table</i> Grades: 6-8
APPLICATION	COMPREHENSION
Show how uses of angles theorems can be applied to everyday professions. <i>Video:</i> <i>The Many-Sided World of Geometry, Program 2: Angles 101</i> Grades: 6-8	Explain the ways in which humans affect the climate. <i>Video:</i> <i>Elementary Video Adventures: Weather and Climate</i> Grades: 3-5
EVALUATION	ANALYSIS
Compare early clocks with today's clocks and choose the one you think is better. <i>Video:</i> <i>Math Monsters: Time</i> Grades: K-2	Examine electromagnetic force and gravity and differentiate between the two. <i>Video:</i> <i>Elements of Physics: Matter, Atoms and Molecules</i> Grades: 9-12



Lesson Plan Guide

Social Studies	Health
KNOWLEDGE	KNOWLEDGE
Identify the Nuremberg Trials. <i>Video:</i> <i>Justice at Dachau: The Trials of an American Prosecutor</i> Grades: 6-8	Outline the benefits of exercise. <i>Video:</i> <i>Why Exercise?</i> Grades: 3-5
APPLICATION	ANALYSIS
Differentiate between the three branches of the U.S. government. <i>Video:</i> <i>This is Our Government</i> Grades: K-4	Illustrate how media influences can affect teens' perceptions of body images. <i>Video:</i> <i>Skills for Healthy Living</i> Grades: 9-12
EVALUATION	EVALUATION
Evaluate how geography can help to shape and define a culture. <i>Video:</i> <i>How to Study Cultures: How Geography Defines a Culture</i> Grades: 9-12	Support the argument against tobacco use. <i>Video:</i> <i>The Trouble with Tobacco</i> Grades: 6-8
Language Arts	Arts
COMPREHENSION	APPLICATION
Summarize the main events of Odysseus' odyssey. <i>Video:</i> <i>Great Books: Homer's Odyssey</i> Grades: 9-12	Use different sounds to create a song. <i>Video:</i> <i>Play and Discover with Digger and Splat: Music</i> Grades: K-2
APPLICATION	ANALYSIS
Construct a compound sentence. <i>Video:</i> <i>Grammar Basics: The Harold Syntax Guide to Sentences, Part Two: Verbal Phrases, Compound, Complex, and Compound-Complex Sentences</i> Grades: 6-8	Compare and contrast the masterpieces of Leonardo Da Vinci, Michelangelo, and Raphael. <i>Video:</i> <i>The High Renaissance</i> Grades: 6-8
SYNTHESIS	SYNTHESIS
Analyze context clues to figure out word meanings. <i>Video:</i> <i>Discovering Language Arts: Reading</i> Grades: 3-5	Create a piece of artwork in line with the Pop Art movement. <i>Video:</i> <i>Intro to Pop Art!</i> Grades: 9-12

unitedstreaming In Action



Online Tutorials

Ready to take *unitedstreaming* to the next level in your classroom?

Have you been wondering what Digital Storytelling is all about?

Always wanted to create your own WebQuest?

We are pleased to offer you ***unitedstreaming in Action***, a series of one-page tutorials that showcase some exciting uses of *unitedstreaming* and outline practical applications for classroom use.

Learn more about integrating *unitedstreaming* resources with the following software, or find out more about specific *unitedstreaming* features such as:

- Hyperlinking Video
- Embedding Video
- Google Earth™
- Digital Storytelling
- Windows Movie Maker®
- Apple iMovie®
- TimeLiner 5.0 Software (Snyder Productions® TimeLiner 5.0)
- SMART Notebook™ 9.5
- Adobe® Premiere® Elements 2.0
- Inspiration Software®
- *unitedstreaming* Quiz Builder
- *unitedstreaming* Assignment Builder
- WebQuests
- Utilizing Closed Captioning on a PC and on a Mac

Electronic versions of these tutorials can be found in the **Professional Development > Trainer's Toolkit** section of *unitedstreaming*. The Trainer's Toolkit also contains information about other professional development opportunities such as Webinars, Interactive Training and Best Practices information.





Assignment Builder is a versatile resource that helps you build online activities and web-based projects that are stored on the *unitedstreaming* servers. You can use this tool to create student assignments that integrate a variety of digital media types. Students access assignments through the Student Center.

Creating a New Assignment

Access the Assignment Builder from anywhere on the site by clicking on Teacher Center in the navigation bar at the top of the screen. To get started, click on **Create New** from the Assignment Builder home page and follow these easy steps:

Step 1: General Information

Start by providing information about your assignment in the form provided. The assignment name, author, school, subject area, and grade level are required fields. You can also create assignment instructions, learning objectives and teacher notes.

You can save your assignment by clicking on the **Save** button at the bottom of the screen. If you choose not to click Save, a warning message will appear on each step thereafter, until you click on the Save button and select the folder within **My Content** to which you would like to save your assignment.

Step 2: Add Materials

You can add media to your assignment, such as video segments, animations or audio files. You can also add an activity such as a Quiz, a Writing Prompt or add links to websites.

Step 3: Material Instructions

Once you have selected media, activities and websites for your assignment, you can write step-by-step instructions that your students will see as they work with each material type.

Step 4: Preview

The **Preview** feature allows you to see what your assignment looks like in its final form. If you wish to make changes, simply click on any of the steps in the process chain.

Step 5: Summary

The summary provides assignment information you will share with your students. When you provide the Assignment Code, students will need to go to www.unitedstreaming.com/studentcenter/ and enter the assignment code and their first and last name in the fields provided. When you provide the Student Center Link, students are taken directly to *unitedstreaming's* Student Center. The Assignment Code will be pre-populated and students simply enter their first and last name in the field provided.



Quiz Builder is a *unitedstreaming* tool that helps you produce interactive quizzes for your students to complete online, at their own pace. Measure comprehension at the end of a lesson, or assign a quiz at the beginning of a project to find out what students already know.

Creating a New Quiz

Access the Quiz Builder from anywhere on the site by clicking on Teacher Center in the navigation bar at the top of the screen. To get started, click on **Create New** from the Quiz Builder home page and follow these easy steps:

Step 1: General Information

Start by providing information about your quiz in the form provided. The quiz name, author, school, subject area, and grade level are required fields. You can also create quiz instructions, learning objectives and teacher notes.

You can save your quiz by clicking on the **Save** button at the bottom of the screen. If you choose not to click Save, a warning message will appear on each step thereafter, until you click on the Save button and select the folder within **My Content** to which you would like to save your quiz.

Step 2: Add Materials

You can use the Keyword Search to add full videos and video segments to your quiz or search for video content by Subject and Grade.

Step 3: Add Questions

The Question Databank contains thousands of questions you can add to your quiz, or you can write your own questions.

Step 4: Preview

The **Preview** feature allows you to see what your quiz looks like in its final form. If you wish to make changes, simply click on any of the steps in the process chain.

Step 5: Summary

The summary provides quiz information you will share with your students. When you provide the Quiz Code, students will need to go to www.unitedstreaming.com/studentcenter/ and enter the Quiz code and their first and last name in the fields provided. When you provide the Student Center Link, students are taken directly to *unitedstreaming's* Student Center. The Quiz Code will be pre-populated and students simply enter their first and last name in the field provided.



Windows Movie Maker is software that enables you to use and edit *unitedstreaming* video segments* and create your own movies. Produce movies with a few simple drag-and-drops.

In the Classroom

Showcase your students' communication and presentation skills by showing student-produced movies during parent Open House night. Students will utilize topic-specific *unitedstreaming* video segments and images in their movie and demonstrate their ability to select, organize and compose a story that effectively communicates an idea.

Create a Movie

Step 1. Have students select a topic.

Step 2. Have students map out the basic story and narration.

Step 3. Download topic-specific, images and editable *unitedstreaming* video segments for students to use in their movies.

Step 4. Have students add video segments and images to the *Movie Maker* storyboard.

Step 5. Have students record narration.

Step 6. Show the movies during parent Open House night.

edit

* Look for the editable icon next to *unitedstreaming* video segments that you can download and import into *Movie Maker*

Have younger students read a story while watching a video by enabling the video's Closed Captioning, or use Closed Captioning to support ESL, Exceptional, or Special Education students.

Closed Captioning

5



Apple iMovie is software that enables you to use and edit *unitedstreaming* video segments* and create your own movies. Produce movies with a few simple drag-and-drops.

In the Classroom

Showcase your students' communication and summarizing skills by showing a student-produced newsreel during morning announcements. Students will utilize topic-specific *unitedstreaming* video segments and images in their newsreel and demonstrate their ability to select, organize, and compose a story that effectively communicates and contextualizes current events.

Create a Movie

Step 1. Have students select a current event and research the historic context of the event.

Step 2. Have students map out the basic story and narration.

Step 3. Download topic-specific images and editable *unitedstreaming* video segments for students to use in their movies.

Step 4. Have students add video segments and images to the *iMovie* storyboard.

Step 5. Have students record the narration.

Step 6. Show the newsreel during morning announcements.

edit

* Look for the editable icon next to *unitedstreaming* video segments that you can download and import into *iMovie*.

Help students visualize concepts such as speeding cars or airplanes by showing video segments from "Math in Action" before learning a mathematical formula.

Visualize

6

Each week, use video segments, encyclopedia articles, and calendar events to introduce a new set of five clues about one of the 50 states and see how long it takes students to identify the mystery state.

Weekly

7



Digital Storytelling is an instructional approach in which stories are conveyed in a visual medium using digital video, images, narration, audio files and music. Types of narratives include short digital films, interactive stories, and web-based stories.

In the Classroom

Teachers can work with students to create storyboards for their digital stories. Students can create personal stories, autobiographies, historical documentaries, or fictional stories using editable video segments and images from *unitedstreaming*. Stories can be created using digital editing software, like *iMovie* or *Movie Maker*, or created using presentation software like Microsoft PowerPoint®.

Create a Digital Story

- Step 1.** Create a simple storyboard, a “visual script,” using pencil and paper or index cards. Include all major elements of your story like the narration, video clips, images, and audio files.
- Step 2.** Log into www.unitedstreaming.com. Search for **editable video segments** using the Advanced Search feature.
- Step 3.** **Download** your video clips in **Windows Media Player** format (.asf) or **QuickTime** format (.mov).
- Step 4.** Search for images and download them to the same folder where you saved your editable video segments.
- Step 5.** Import your video segments and images into a video editing program, like **iMovie** or **Movie Maker**.
- Step 6.** Edit your video clips and insert images in your timeline. You can mute the audio portion of the video segments and record your own narration.
- Step 7.** Make sure you include a screen for credits and citations for all video and image content used.

WebQuests are inquiry-oriented activities in which most or all of the information used by learners is drawn from the Internet. WebQuest activities are meant to maximize the use of a learner's time on the Internet, focusing on the information itself rather than the search for it. *unitedstreaming* offers WebQuest content for students to analyze and evaluation tools for educators.

In the Classroom

Activate student creativity and critical-thinking skills by creating a WebQuest for a topic that requires understanding, has Internet resources available, fits curriculum standards, and perhaps has been difficult to teach. Students will analyze various Internet resources, including topic-specific images, encyclopedia articles, and *unitedstreaming* video segments. Evaluate students on their conclusions.

Create a WebQuest

- Step 1.** Select a topic appropriate for a WebQuest and build a scenario around the topic, such as bringing contemporary world problems into the classroom, evaluating history, creating products, dealing with life's realities, or sparking students' imaginations.
- Step 2.** Create your own design, or utilize one of the many WebQuest templates available on the Internet. Most WebQuests include an introduction, a task, a description of process, available resources, evaluation, and a conclusion.
- Step 3.** Use Assignment Builder to incorporate topic-specific images, encyclopedia articles, *unitedstreaming* video segments, and other Internet resources into the WebQuest template.
- Step 4.** Create an online evaluation for students to complete using *unitedstreaming* Quiz Builder.
- Step 5.** Conclude with a summary of the WebQuest. You can include what students have learned and directions for further exploration of the topic.

Challenge students to use images in a sequence to create and write their own stories, or use Writing Prompts to inspire creative writing.

Stories

8

Professional Development

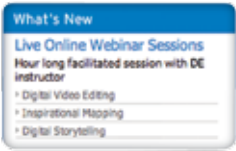
Discovery Education *unitedstreaming* offers a host of staff development options—including self-paced tutorials, online sessions, and professional development resources—to give you the tools to successfully integrate *unitedstreaming* into your teaching practice. Many schools also award Professional Development credits for training, so be sure to talk to your Staff Development Coordinator for more information.

Interactive Training



These self-directed modules offer certificate and professional development credit options and are available anytime on www.unitedstreaming.com. Five engaging lessons demonstrate best practices for the integration of digital media into the classroom—and they are all free with your *unitedstreaming* license. The web-based, hands-on format supports individual pace and style of learning. Practice activities and downloadable resources help you to develop your own multimedia resources.

Webinars



A Webinar is an online seminar with interactive training elements. Collaborate in live, hour-long sessions with a certified Discovery Education instructor using Webex™ and your phone. Register on www.unitedstreaming.com for a variety of topics and times each week. Or talk to your Implementation Representative at [800.323.9084](tel:800.323.9084) about scheduling a customized session.

Digital Connections

Expanding on the Webinar format, your Implementation Representative can arrange a half-day staff development session to combine live online instruction with a hands-on workshop at your school.

Courses for Graduate Credit



Discovery Education has joined forces with several accredited universities to offer high quality, online graduate courses on integrating digital media in education that feature *unitedstreaming*. Courses can be taken individually or as part of a certificate or master's degree.



Discovery Educator Network



Connecting teachers to their most valuable resource...each other!

The Discovery Educator Network is:

- A dynamic community of educators who are passionate about integrating media into classroom curriculum
- An online forum for sharing lesson resources and inspiration
- Access to a wide range of resources, professional development activities, networking opportunities and exclusive Discovery Educator events
- A global network that uses the power of Discovery to make classroom dreams a reality

Discovery Educators have the opportunity to:

- Participate in an active online community at www.discoveryeducatornetwork.com
- Engage and inspire your school community using professional development resources provided by Discovery Education
- Participate in exclusive Discovery Education events and sweepstakes
- Serve as beta testers for future Discovery products and sites

Learn more at...

www.discoveryeducatornetwork.com

This image shows a full page of blank, white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page, providing a guide for writing. There are no margins, text, or other markings on the paper.

eBook

9



Life Cycle

10



CONNECT TO A WORLD OF LEARNING



www.unitedstreaming.com

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